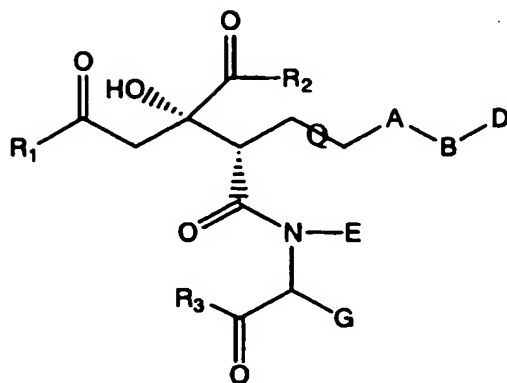


CLAIMS

1. A method for producing a compound represented by formula (I):



5

(wherein A represents $-(CH_2)_n-$, where n represents an integer of 0 to 10;

B represents $-CH_2-$, $-(C=O)-$, $-CH(OH)-$, $-CH(NH_2)-$ or $-C(=NOR)-$, where R represents a hydrogen atom, a linear or branched alkyl group having 1 to 8 carbon atoms (which may be substituted with an amino group that may be mono- or di-

10 substituted with a linear or branched alkyl group having 1 to 4 carbon atoms);

D represents $-(CH_2)_m-R'$, where m represents an integer of 0 to 10, and R' represents a hydrogen atom, a linear or branched alkyl group, a linear or branched alkynyl group, a linear or branched alkenyl group, a cycloalkyl group, a cycloalkenyl group, a heterocyclyl group which may be substituted, an aryl group which may be substituted, a heteroaryl group which may be substituted,

15 substituted, an -OX group (where X represents a hydrogen atom, a linear or branched alkyl group, a linear or branched alkynyl group, a linear or branched alkenyl group, a cycloalkyl group or an aryl group which may be substituted) or a halogen atom;

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E represents a hydrogen atom or a linear or branched

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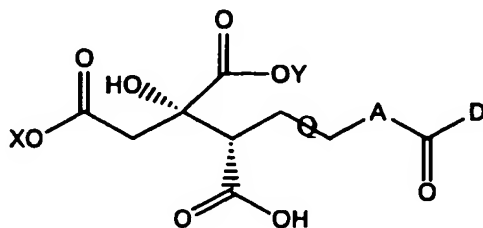
alkyl group;

G represents $-(CH_2)_p-J$, where p represents an integer of 0 to 4, and J represents a hydrogen atom, an OH group, a SH group, a methylthio group, a carboxyl group, a carbamoyl group, an amino group, a guanidino group, a linear or branched alkyl group, a cycloalkyl group, a linear or branched alkynyl group, a linear or branched alkenyl group, an aryl group which may be substituted, a heterocyclyl group which may be substituted, or a heteroaryl group which may be substituted;

bond Q represents a single bond or a double bond; and

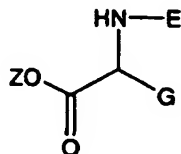
R_1 , R_2 and R_3 may be the same or different, and each represent a hydroxyl group, an amino group (which may be mono- or di-substituted with a linear or branched alkyl group having 1 to 4 carbon atoms), $-OL$, a linear or branched alkyl group, a linear or branched alkenyl group or a linear or branched alkynyl group, where L represents a linear or branched alkyl group, a linear or branched alkenyl group or a linear or branched alkynyl group), a prodrug thereof or a pharmaceutically acceptable salt thereof;

comprising reacting a compound as the starting compound represented by the following formula:

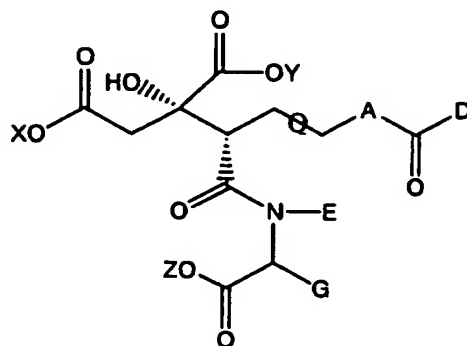


(wherein A, D and bond Q have the same meanings as defined above, and X and Y may be the same or different and each represent a linear or branched alkyl group or a

protecting group of a carboxyl group) with an α -amino acid ester represented by the following formula:

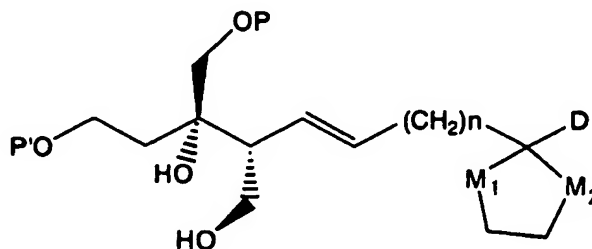


(wherein E and G have the same meanings as defined above, and Z represents of a linear or branched alkyl group or a protecting group of a carboxyl group) in the presence of a base and a coupling agent, to yield a compound represented by the following formula:



(wherein A, D, E, G, bond Q, X, Y and Z have the same meanings as defined above), and then subjecting this compound to hydrolysis, reduction, amination or amidation, hydroxyimination and/or ester conversion, if desired, to obtain the desired compound of the formula (I).

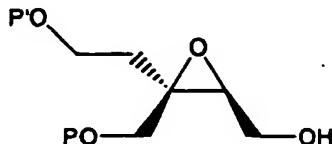
2. A method for producing a compound represented by the following formula:



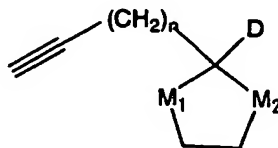
(wherein D and n have the same meanings as defined

in claim 1, M_1 and M_2 may be the same or different and each represent an oxygen atom or a sulfur atom, and P and P' may be the same or different and each represent a hydroxyl protecting group);

- 5 comprising reacting a compound represented by the following formula:

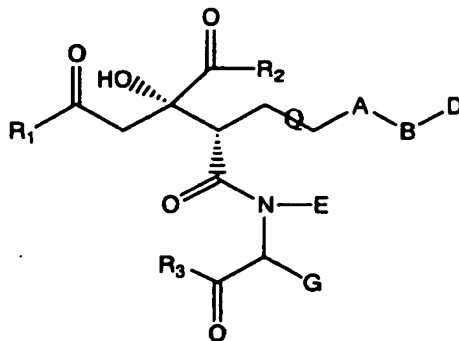


- (wherein P and P' have the same meanings as defined above) with a compound represented by the following
10 formula:



(wherein D, n, M_1 and M_2 have the same meanings as defined above).

3. A compound represented by formula (I):



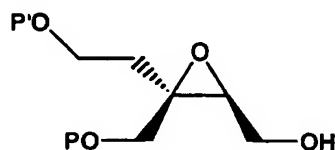
- 15 (wherein A, B, D, E, G, bond Q, R_1 , R_2 and R_3 have the same meanings as defined in claim 1), a prodrug thereof or a pharmaceutically acceptable salt thereof.

4. The compound of the formula (I) according to claim 3, a
20 prodrug thereof or a pharmaceutically acceptable salt thereof, wherein in the case n represents 6, D represents a

n-heptyl group and p represents 1, then J represents a group which is neither a phenyl group (the phenyl group is substituted with an -OW group at the p-position where W represents a hydrogen atom, a linear or branched alkyl group, or a linear or branched alkenyl group) nor a 3-indolyl group.

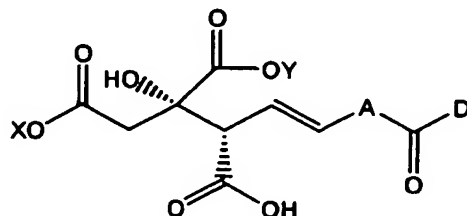
5. The compound of the formula (I) according to claim 3, a prodrug thereof or a pharmaceutically acceptable salt thereof, wherein in the case n represents 6, D represents a n-heptyl group and p represents 1, then J represents a group which is neither a phenyl group (the phenyl group is substituted with an -OW group at the p-position where W represents a hydrogen atom, a linear or branched alkyl group, a linear or branched alkenyl group or a linear or branched alkynyl group) nor a 3-indolyl group.

6. A compound represented by the following formula:



(wherein P and P' may be the same or different and each represent a hydroxyl protecting group).

7. A compound represented by the following formula:



(wherein A, D, X and Y have the same meanings as defined in claim 1).

8. A pharmaceutical composition containing a compound of the formula (I) according to anyone of claims 3 to 5, a prodrug thereof or a pharmaceutically acceptable salt

thereof.

9. The pharmaceutical composition according to claim 8 for preventing or treating a viral infectious disease.

10. The pharmaceutical composition according to claim 9
5 wherein the viral infectious disease is an infectious disease by HCV.

11. The pharmaceutical composition according to claim 10, wherein the infectious disease by HCV is hepatitis C, cirrhosis, liver fibrosis or liver cancer.

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